



BEARING PADS FOR STRUCTURES FIELD SECTION 1038

1038.1 Scope. To establish procedures for the inspection of elastomeric bearing pads of neoprene, rubber and fabric, or rubber and fiber.

1038.2 Apparatus. Rule with suitable graduations to accurately measure the material to be inspected.

1038.3 Procedure.

1038.3.1 Certification. The contractor is required to furnish a manufacturer's certification in triplicate, showing typical test results representative of the material and certifying that the material supplied conforms to all the requirements of Specification Sec 1038. These certifications shall be carefully checked by the inspector to insure compliance with the contract requirements.

1038.3.1.1 Certifications for steel laminates shall attest to the required national standard and grade specified in the specifications. A higher grade will be permitted provided the manufacturer certifies to the higher grade. A lesser grade than that specified, though the properties meet or surpass the specified grade, will not be permitted.

1038.3.2 Inspection. The specified dimensions vary from project to project and bridge to bridge, therefore, the plans must be consulted to determine the required dimensions. District Materials inspectors or the Resident Engineer shall verify that the dimensions of the material are correct.

1038.3.2.1 If adhesive is specified to bond the neoprene bearing pads to the bearing seat, it should be inspected for compliance, normally to include:

- a. Product identification that identifies the adhesive as a two-part epoxy (or as specified).
- b. Statement or certification from the pad supplier that the adhesive is recommended for adhering their pad to concrete.

1038.4 Report. Bearing pads shall be reported through SiteManager, and shall show all pertinent information regarding the material including acceptance method and brand name of the adhesive. The bearing pad certification shall be retained in the district office.. The report is to indicate acceptance, qualified acceptance, or rejection. Appropriate remarks, as described in [General Sec 7.1.2](#) of this Manual, are to be included in the report to clarify conditions of acceptance or rejection. In some cases, it may not be possible to determine specified dimensions in which case a statement similar to the following shall be shown under the remarks section to denote provisional acceptance:

"Accepted provided Field Inspection for dimensions shows contract compliance."